

REMARKS

Claim Objections

Claims 1-27 were objected to for a number of informalities. One of the informalities was in claims 2-14 and 16-27 the word “wherein” was suggested to be included. This has been done, but such addition has necessitated other grammatical changes to the sentence structure of the claims so amended. These changes have also been made, but only for grammatical reasons.

Claim Rejection under 35 U.S.C. § 112

Claims 1-14, 20-23, 25-27, 33, 35-37 and 39-42 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The noted instances of indefiniteness have been corrected.

Claim Rejection under 35 U.S.C. § 103

Claims 1-4 and 28-31 were rejected under 35 U.S.C. § 103(a) as being unpatentable over House (U.S. Pat. No. 2,886,141). House includes no bushings and certainly not a single bushing to support the shaft 53 of the crank member. There is a crank support 16 that is rigidly welded to the backing plate 18. Crank support 16 is not a bushing, which is commonly thought of as being a cylindrical lining, used to restrain, guide or reduce friction. Further, while the S cam is described in the preamble of the claims, it is a known staple of commerce and is essentially as described in the specification. The House device is a crank and is so described in the specification (Crank member 14). There is no structure in the House patent teaching, suggesting or disclosing a single elongate bushing. Accordingly, it is respectfully requested that the rejection be withdrawn.

Claims 1, 2, 4-6, 11, 13, 15, 16, 18, 19, 24, 28, 29, 31 and 38 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Deibel (U.S. Pat. No. 3,497,037). Deibel includes what has been described as an S cam and is described as cam element 118 and camshaft 128.

AMENDMENTS TO THE DRAWINGS

The Examiner objected to the drawings under 37 CFR 1.83(a). Replacement drawings are submitted to show every feature of the invention specified in the claims. No new matter is introduced in the replacement drawings.

Attachment: Replacement Sheets

The camshaft 128 is supported as is described as being prior art in the present application. Accordingly, there is a bearing 145 at the first end of the camshaft 128 and sealing member 148 for rotatably supporting the second end of the camshaft 128. It is the noted deficiencies of the prior art support the present invention seeks to overcome. There is no structure in the Deibel patent teaching, suggesting or disclosing a single elongate bushing. Accordingly, it is respectfully requested that the rejection be withdrawn.

Claims 1-7, 15-20, 28-34, 39 and 41 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Morris, et al. (U.S. Pat. No. 6,240,806) in view of Eksbergian, et al. (U.S. Pat. No. 2,382,554). Morris includes what has been described as an S cam and is described as S-cam 53 and camshaft 52. The camshaft 52 is supported as is described as being prior art in the present application. Accordingly, there is a bearing 59 at the first end of the camshaft 52 and bearing 60 at the second end of the camshaft 52, for rotatably supporting the camshaft 52. It is the noted deficiencies of the prior art support the present invention seeks to overcome. Eksbergian is a lever operated brake, the lever being 27 or 27a in alternate embodiments. There is no single supporting bushing. There is no structure in either the Morris or the Eksbergian patents teaching, suggesting or disclosing a single elongate bushing. Accordingly, it is respectfully requested that the rejection be withdrawn.

Claims 12, 14, 40 and 42 were rejected under 35 U.S.C. § 103(a) as being unpatentable over House in view of Asano, et al. (U.S. Pat. No. 4,356,535). As noted above, House includes no bushings and certainly not a single bushing to support the shaft 53 of the crank member. Asano, a cam grinding machine, does not disclose or teach a single supporting bushing. There is no structure in either the House or the Asano patents teaching, suggesting or disclosing a single elongate bushing. Accordingly, it is respectfully requested that the rejection be withdrawn.

Claims 12, 14, 25, 26, 27, 40 and 42 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Deibel in view of Asano, et al. See responses above relative to the

Deibel and Asano references. In light of those responses, it is respectfully requested that the rejection be withdrawn.

Claims 12, 14, 25-27, 40 and 42 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Morris, et al in view of Eksbergian, et al and further in view of Asano, et al. See responses above relative to the Morris and Eksbergian references. In light of those responses, it is respectfully requested that the rejection be withdrawn.

Claims 8-10, 21-23 and 35-37 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Morris, et al. in view of Eksbergian, et al. and further in view of Boyer, et al. (U.S. Pat. No. 6,450,073). See responses above relative to the Morris and Eksbergian references. Boyer discloses a bearing for a multi-spindle bar machine. Such s machine is clearly non-analogous art with respect to the art of the present application. Further, there is no motivation for combining the teaching of Boyer with either the teachings of Morris or Eksbergian. Accordingly, it is respectfully requested that the rejection be withdrawn.

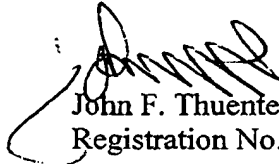
CONCLUSION

Claims 1-42 are pending. By this Amendment, claims 1-28, 35-37 and 41-42 are amended.

In view of the foregoing, it is submitted that this application is in condition for allowance. Favorable consideration and prompt allowance of the application are respectfully requested.

The Examiner is invited to telephone the undersigned if the Examiner believes it would be useful to advance prosecution.

Respectfully submitted,


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